

CIRCUMFERENTIAL MEASUREMENT OF TUBULAR MEMBERS

ABSTRACT OF THE DISCLOSURE

An apparatus and method are provided for circumferentially measuring cross-sectional characteristics of a tubular member. The apparatus includes first and second template members that cooperably define an aperture for receiving the tubular member. At least one of the template members is adjustable so that the aperture can be adjusted between open and closed positions. A measurement device can be configured to detect the relative position of the first and second template members, thereby measuring the relative adjustment of the members between the open and closed positions. This measurement is indicative of the cross-sectional size of the tubular member, e.g., for determining the diameter of the tubular member. Alternatively, multiple measurement devices can respond to a contact force between the measurement devices and the tubular member, e.g., to determine a variation in wall thickness of the tubular member.

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